SGH-T959W

P O R T A B L E Q u a d - B A N D

M O B I L E P H O N E

User Manual

Please read this manual before operating your phone, and keep it for future reference.

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Warning

Depending on the user interface used in the handset, you may experience slow keypad response when performing tasks in the background. This can impact making phone calls. When there is no activity or change in the icons at the top of the main LCD display, the handset will resume normal operations.

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using this manual

Instructional Icons

Before you start, familiarize yourself with the icons that are used in this manual:

Warning: Situations that could cause injury to yourself or others.

Caution: Situations that could cause damage to your phone or to other equipment.

Note: Notes, usage tips, or additional information.

▶ **Refer to:** Pages with related information. For example: ▶ p. 12 (represents “see page 12”).

→ **Followed by:** The order in which options or menus must be selected to perform a step. For example: Select **Messaging** → **New message** represents: select **Messaging** followed by **New message**.

[ ] **Square brackets:** Device keys. For example: [⏻] (represents the Power key).

introducing your phone

Unpack

Check your product box for the following items:

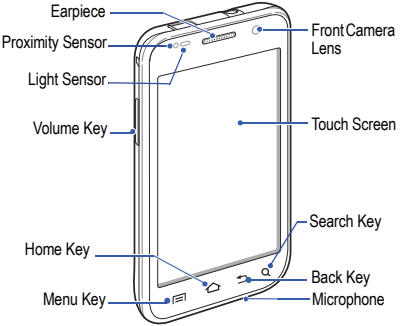
- Mobile phone
- Battery
- Travel adapter (charger)
- Stereo Headset
- Quick Start Guide
- Safety and Warranty Guide

Only use Samsung-approved software. Pirated or illegal software might cause damage or malfunctions that are not covered by your manufacturer's warranty.

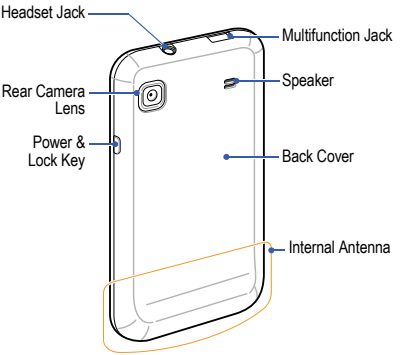
The items supplied with your phone might vary depending on the software and accessories available in your region or offered by your service provider. You can obtain additional accessories from your local Samsung dealer. The supplied accessories provide the best performance with your phone.

Phone Layout

Front of phone



Back of phone



Keys

Key	Function
Power & Lock	Turn on the phone (press and hold), lock the screen, access the quick menus (press and hold), reset the device (press and hold 8-10 seconds until SAMSUNG logo appears).
Menu	Open a list of options available on the current screen.
Home	Open the Home screen or open the list of recent programs (press and hold).
Back	Return to the previous screen.
Search	Open the quick search box and keypad to input your search option, Open the voice search application (press and hold).

Key	Function
Volume	Adjust the phone's volume.

Indicator Icons

Icons shown on the display might vary depending on your region or service provider.

Icon	Definition
	No signal
	Signal strength
	EDGE network connected
	UMTS network connected
	HSPA+ network connected
	WLAN activated
	Bluetooth activated
	Bluetooth phone connected
	GPS activated
	Voice call in progress

Icon	Definition
	Call on hold
	Speakerphone activated
	Missed call
	Synchronized with the web
	Uploading data
	Downloading data
	Call forwarding activated
	Connected to PC
	No SIM card
	New text or multimedia message
	New email message
	New voicemail message
	Alarm activated
	Event notification

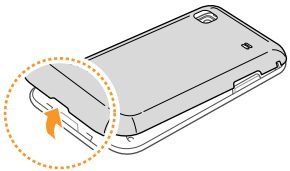
Icon	Definition
	Roaming (outside of normal service area)
	Silent mode activated
	Flight mode activated
	Vibration mode activated in Silent mode
	Music playback in progress
	Error occurred or caution required
	Battery power level
10:00 AM	Current time

Install the SIM Card and Battery

When you subscribe to a cellular service, you will receive a Subscriber Identity Module (SIM) card with subscription details, such as your personal identification number (PIN) and optional services.

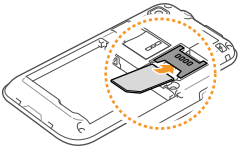
To install the SIM card and battery:

1. If the phone is on, press and hold [⏻] and select **Power off** → **OK** to turn it off.
2. Remove the back cover.



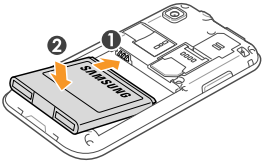
Be careful not to damage your fingernails when you remove the back cover.

3. Insert the SIM card.

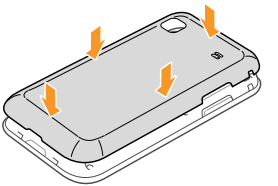


- Place the SIM card in the phone with the gold-coloured contacts facing down.
- If you do not insert a S M card, you can only use your phone's non-network services and some menus.
- Do not insert a memory card into the S M card slot.

4. Insert the battery.



5. Replace the back cover.



Charge the Battery

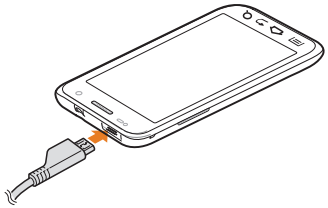
Before using the phone for the first time, you must charge the battery. You can charge the phone with the provided travel adapter or by connecting the phone to a PC with a PC data cable.

Only use Samsung-approved chargers and cables. Unauthorized chargers or cables can cause batteries to explode or damage your phone.

When your battery is low, the phone will emit a warning tone and display a low battery message. The battery icon will also be empty. If the battery level becomes too low, the phone will automatically power off. Recharge the battery to continue using the phone.

To charge the battery using the travel adapter:

1. Slide open the cover to the multifunction jack on the top of the phone.
2. Plug the small end of the travel adapter into the multifunction jack.



Improperly connecting the travel adapter can cause serious damage to the phone. Any damage caused by misuse is not covered by the warranty.

3. Plug the large end of the travel adapter into a power outlet.

- You can use the phone while it is charging, but it might take longer to fully charge the battery.
- While charging, the battery might heat up. This is normal and should not affect the phone's life span or performance.
- If your phone is not charging properly, bring the phone and the charger to a Samsung Service Centre.

4. When the battery is fully charged (the battery icon is no longer moving), unplug the travel adapter from the power outlet and then from the phone.

Do not remove the battery before removing the travel adapter. Doing so might cause damage to the phone.

5. Close the cover to the multifunction jack.

To charge the battery using the PC data cable:

1. Slide open the cover to the multifunction jack on the top of the phone.
2. Plug the micro USB end of the PC data cable into the multifunction jack.
3. Plug the other end of the PC data cable into a USB port on a PC.

Depending on the type of PC data cable you are using, it might take some time before charging begins.

4. When the battery is fully charged (the battery icon is no longer moving), unplug the PC data cable from the phone and then from the PC.

Insert a Memory Card (optional)

To store multimedia files and use some phone functions, such as the camera, you must insert a memory card. Your

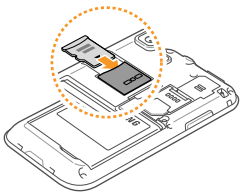
phone accepts microSD™ or microSDHC™ memory cards up to 32 GB (depending on the memory card manufacturer and type).

Samsung uses approved memory standards for memory cards but some brands might not be fully compatible with your phone. Using an incompatible memory card might damage your phone or the memory card and can corrupt data stored on the card.

- Your phone only supports the FAT file structure for memory cards. If you insert a card formatted with a different file structure, your phone will prompt you to reformat the memory card.
- Frequent writing and erasing of data will shorten the life span of memory cards.

To insert a memory card:

1. Remove the back cover.
2. Insert a memory card with the gold-coloured contacts facing down.



3. Push the memory card into the memory card slot until it locks into place.
4. Replace the back cover.

To remove a memory card:

Before removing the memory card, unmount it for safe removal.

Do not remove the memory card while the phone is transferring or accessing information, as this might result in the loss of data or damage to the memory card or phone.

1. In Idle mode, select **Applications** → **Settings** → **SD card and phone storage** → **Unmount SD card** → **OK**.
2. Remove the back cover.
3. Push the memory card gently until it disengages from the phone.
4. Pull the memory card out of the memory card slot.
5. Remove the memory card.
6. Replace the back cover.

To format a memory card:

Formatting your memory card on a PC might cause incompatibilities with your phone. Only format the memory card on the phone. In order to format the card, it must first be unmounted.

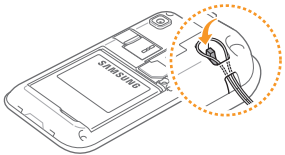
1. In Idle mode, select **Applications** → **Settings** → **SD card and phone storage** → **Unmount SD card** → **OK.**
2. Select **Format SD card** → **Format SD card** → **Erase everything**.

Before formatting the memory card, remember to make backup copies of all important data stored on the card as it will be completely erased. The manufacturer's warranty does not cover the loss of data resulting from user actions.

Attach a Hand Strap (optional)

To attach a hand strap to your phone:

1. Remove the back cover.
2. Slide the hand strap through the slot and hook it over the small projection.



3. Replace the back cover.

getting started with your phone

Turn Your Phone On and Off

To turn your phone on, press and hold [⏻]. Your phone will automatically connect to the network. When you turn on your phone for the first time, tap the Android image on the screen and follow the on-screen instructions to set up your phone for its first use.

You might be charged for the data connection because the connection to the Google web server is always active by default.

To turn your phone off:

1. Press and hold [⏻].
2. Select **Power off** → **OK**.

- Follow all posted warnings and directions when in area where the use of wireless devices is restricted, such as airplanes and hospitals.

- To only use your phone's non-network services, switch to Flight mode. Press and hold [⏻] and select **Flight mode**.

Use the Touch Screen

Your phone's touch screen lets you easily select items or perform functions.

- To avoid scratching the touch screen, do not use sharp tools.
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause it to malfunction.
- Do not allow the touch screen to come into contact with water. The touch screen might malfunction in humid conditions or when exposed to water.

- For optimal use of the touch screen, remove the screen protection film before using your phone.
- Your touch screen has a layer that detects small electrical charges emitted by the human body. For best performance, tap the touch screen with your fingertip.

To control the touch screen:

- **Tap:** Tap once with your finger to select or launch a menu, option, or application.
- **Tap and hold:** Tap an item and hold it for more than two seconds to open a pop-up option list.
- **Scroll:** Tap and drag your finger up, down, left, or right to move to items on the list.
- **Drag and drop:** Tap and hold your finger on an item and then drag your finger to move the item.

- **Double-tap:** Tap twice quickly with your finger to zoom in or out while viewing photos or web pages.

- Your phone turns off the touch screen when you do not use the phone for a specified amount of time. To turn on the touch screen, press [⏻] and then swipe the screen with your finger.
- You can also adjust the backlight time. In Idle mode, select **Applications** → **Settings** → **Display** → **Screen timeout**.

To lock or unlock the touch screen and keys:

You can lock the touch screen and keys to prevent any unwanted phone operations.

- To lock, press [⏻].
- To unlock, turn on the touch screen by pressing [⏻] and then swipe the screen with your finger.

Get to Know the Idle Screen

When your phone turns on or is in Idle mode, the Idle screen is displayed. From this screen, you can access various features and status information.

The Idle screen has seven panels. Scroll left or right to a panel on the Idle screen. You can also select a dot on the top of the screen to move to the corresponding panel of the Idle screen.

Add items to the Idle screen:

You can customize the Idle screen by adding shortcuts to applications or items in applications, widgets, or folders.

To add items to the Idle screen:

1. Press [☰] → **Add**.
2. Select the item category and then select an item:
   - **Widgets:** Add widgets to the Idle screen.

- **Shortcuts:** Add shortcuts to items, such as applications, bookmark, and contacts.
- **Folders:** Create a new folder or add folders for your contacts.
- **Wallpapers:** Set a background image.

Available items vary depending on the current Idle screen mode.

To move items on the Idle screen:

1. Touch and hold the item that you want to move.
2. Drag the item to a new location.

To remove items from the Idle screen:

1. Touch and hold the item that you want to remove. The item is magnified and the icon appears, indicating that the application tab has switched to the trash tab.
2. Drag the item to the trash tab.
3. When the item and the trash tab turn red, release the item.

Use the shortcuts panel

In Idle mode or while using an application, tap the indicator icons area and drag your finger down to open the shortcuts panel. You can activate or deactivate wireless connection features and access a list of a notifications, such as messages, calls, events, or processing status.

- To hide the shortcuts panel, drag the bottom of the list up.

In the shortcuts panel, you can access the following options:

- **Wi-Fi:** Activate or deactivate the WLAN connection feature. ► p. 78
- **Bluetooth:** Activate or deactivate the Bluetooth wireless connection feature. ► p. 76

- **GPS:** Activate or deactivate GPS mode.
- **Sound/vibration:** Activate or deactivate Vibration mode.
- **Auto rotation:** Activate or deactivate the auto rotation.

Your phone has a built-in motion sensor that detects its orientation. While using some features, if you rotate the phone the interface automatically switches to landscape view. To set the interface to retain the portrait orientation when the phone is rotated, deactivate **Auto rotation** in the shortcuts panel. You can also set it by deselecting **Settings** → **Display** → **Auto-rotate screen**.

Add or remove panels from the Idle screen

You can add or remove panels from the Idle screen to organize widgets according to your preferences and needs.

1. In Idle mode, press [ ] → **Edit**.

   You can also place two fingers on the screen and pinch to switch to Edit mode.
2. Add or remove panels by using the following features:
   - To remove a panel, tap and hold the thumbnail of a panel and drag it to the trash bin at the bottom of the screen.
   - To add a new panel, select .
   - To change the order of the panels, tap and hold the thumbnail of a panel and drag it to the location you want.
3. When you are finished, press [ ].

Access Applications

To access your phone's applications:

1. In Idle mode, select **Applications** to access the application list.

2. Scroll left or right to display the application screens. You can also select a dot at the top of the screen to move to the corresponding main menu screen.
3. Select an application.

- In order to use applications provided by Google, you must have a Google account. If you do not have a Google account, you will need to create one.
- You can add a shortcut to an application by tapping and holding an application icon in the application list. You can then move the icon on the Idle screen as needed.

4. Press [⮌] to return to the previous screen or press [⌂] to return to the Idle screen.

To organize applications:

You can reorganize the applications in the application list by changing their order or by grouping them into categories to suit your needs.

1. In the application list, press [▤] → **View type** → **Customizable grid**.
2. Press [▤] → **Edit**
3. Tap and hold an application.
4. Drag the application icon to a new location. You can move an application icon to another main menu screen. You can also move commonly used applications next to **Home**.
5. Press [▤] → **Save**.

To access recent applications:

1. Press and hold [⌂] to open a list of applications that you have recently accessed.

2. Select the application that you want to access.

Customize Your Phone

Get more from your phone by customizing it to suit your needs.

To set the current date and time:

1. In Idle mode, select **Applications** → **Settings** → **Date and time**.
2. Set the date and time and change other options as needed.

To turn the touch tone on or off:

- In Idle mode, select **Applications** → **Settings** → **Sound** → **Audible touch tones**.

To adjust the volume of the ring tones:

- In the Idle mode, press the Volume key up or down to adjust the ringtone volume.

To switch to or from Silent mode:

To mute or unmute your phone, do one of the following:

- In the Idle mode, select **Phone** → **Dialer** and tap and hold **#**.
- In Idle mode, press and hold [⏻] and select **Silent mode**.
- In Idle mode, select **Applications** → **Settings** → **Sound** → **Silent mode.**

To change your ringtone:

1. In Idle mode, select **Applications** → **Settings** → **Sound** → **Phone ringtone**.
2. Select a ringtone in the list and select **OK**.

To activate animation for switching windows:

- In Idle mode, select **Applications** → **Settings** → **Display** → **Animation** → **Some animations** or **All animations**.

To select wallpaper for the Idle screen:

1. In the Idle mode, press [ ] → **Wallpaper** and select an option.
2. Select an image.
3. Select **Save** or **Set wallpaper**.

Samsung is not responsible for any use of default images or wallpapers provided on your phone.

To adjust the brightness of the display:

You can manually adjust the brightness of the display by disabling Automatic brightness control and dragging the slider bar left or right.

1. In Idle mode, select **Applications** → **Settings** → **Display** → **Brightness**.
2. Clear the checkbox next to **Automatic brightness**.
3. Drag the slider to adjust the level of brightness.
4. Select **OK**.

The brightness level of the display will affect how quickly the phone uses battery power.

To set a screen lock:

You can lock the touch screen with an unlock pattern, PIN, or password to prevent unauthorized people from using your phone without your permission.

- Once you set a screen lock, your phone will require an unlock code each time you turn it on or unlock the touch screen.
- If you forget your PIN or password, bring your phone to a Samsung Service Centre to unlock it. Remember to make backup copies of all important data stored on your device.
- Samsung is not responsible for any loss of security codes or private information.

To set an unlock pattern:

1. In Idle mode, select **Applications** → **Settings** → **Location and security** → **Set screen lock** → **Pattern**.
2. Follow the on-screen instructions and example patterns and select **Next** (if needed).
3. Draw a pattern by dragging your finger to connect at least four dots.
4. Select **Continue**.
5. Draw the pattern again to confirm.
6. Select **Confirm**.

To set an unlock PIN code:

1. In Idle mode, select **Applications** → **Settings** → **Location and security** → **Set screen lock** → **PIN**.
2. Enter a new PIN (numeric) and select **Continue**.
3. Enter the PIN again and select **OK**.

To set an unlock password:

1. In Idle mode, select **Applications** → **Settings** → **Location and security** → **Set screen lock** → **Password**.
2. Enter a new password (alphanumeric) and select **Continue**.
3. Enter the password again and select **OK**.

If you do not want the phone to require a pattern, PIN, or password to unlock, select **Applications** → **Settings** → **Location and security** → **Change screen lock** and select **None** from the unlock settings. You are first required to confirm your set pattern, P N, or password to display the screen unlock settings.

To lock your SIM card:

You can lock your phone by activating the PIN supplied with your SIM card.

1. In Idle mode, select **Applications** → **Settings** → **Location and security** → **Set up SIM card lock** → **Lock SIM card**.
2. Enter your PIN and select **OK**.

Once the PIN lock is enabled, you must enter the PIN each time you turn on the phone.

- If you enter an incorrect PIN too many times, your SIM card will be blocked. You must enter a PIN unlock key (PUK) to unblock the SIM card.
- If you block your SIM card by entering an incorrect PUK, bring the card to your service provider to be unblocked.

Enter Text

You can enter text by selecting characters on the virtual keypad or by inputting handwriting on the touch screen. You can enter text and create messages or contacts.

You cannot enter text in some languages. To enter text, you should change the writing language to one of the supported languages. ► p. 104

To change the keyboard type:

You can change the type of keyboard that is used to enter text. Tap and hold on the text input field, select **Input method**, and select a keyboard type (**Swype** or **Samsung keypad**).

Using the Swype keyboard

Swype™ is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a tapping predictive text system.

The following example shows how to enter the word “Love”. Put your finger down on the “L”, and without lifting, glide it to the “o”, then to the “v” then over to the “e”. Lift your finger to enter the word.

You can also use the following keys:

Number	Function
1	Change case.
2	Switch between Symbol mode and ABC/Number mode.
3	Delete characters.
4	Insert a space.

For information on how you can configure your Swype settings, see Swype on page 104.

Swype text entry tips:

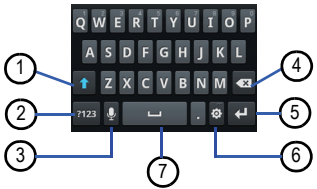
You can access the SwypeTips application and watch a video or tutorial on using Swype. You can also use the following Swype text entry tips.

- Create a squiggle (like an S shape) to create a double letter (such as pp in apple).
- Touch and hold a key to view the punctuation menu then make a selection.
- Move your finger or stylus over the "." key to enter the apostrophe in contractions.
- Double-tap on the word you want to change to correct a misspelled word, then tap the delete key to erase one character. Touch and hold the delete key to erase an entire word.

Using the Samsung keypad

To enter text using the Samsung keypad:

1. Enter text by selecting alphanumeric keys.
2. You can also use the following keys:



Number	Function
1	Change case.
2	Switch between Number/Symbol mode and ABC mode.

Number	Function
3	Enter text by voice. This icon is only available when you activate the voice input feature for the Samsung keypad. This feature might not be available depending on the selected input language.
4	Clear your input.
5	Start a new line.
6	Access the keypad settings. Change the text Input method (tap and hold).
7	Insert a space.

To change the keypad language

If you have enabled more than one input language in the settings for the Samsung Keypad (► p. 105), the current language is indicated on the spacebar and you can change the language used by tapping and dragging on the spacebar until the required language appears in the selection box.

Copy and paste text

While you are entering text, you can use the copy and paste feature to use the same text in other applications.

To copy and paste text:

1. Tap and hold the text input field.
2. Select **Select word** in the option list.
3. Drag your finger across the text you want to highlight.
4. Tap and hold the highlighted text.
5. Select **Copy** to copy, or **Cut** to cut the text onto the clipboard.
6. In another application, tap and hold the text input field.
7. Select **Paste** to insert the text from the clipboard into the text field.

Android Market

Android Market provides you with an easy way to shop for games and mobile applications. Based on the Android platform, your phone's functionality can be extended by installing additional applications.

- This feature might not be available in your region.

To install applications:

1. In Idle mode, select **Applications** → **Market**.
2. Select **Accept** in the terms and conditions page.
3. Select an item category and then select an item.
4. Select **Download** (for free items) or the price button (for purchased items.
   - If you select **Download**, select **Accept & download** to download the item immediately.

- If you select a priced item, you need to enter your credit card information. Follow the on-screen instructions.

To uninstall applications:

1. In the Android Market home select , press [ ] → **My Apps**.
2. Select the item that you want to delete.
3. Select **Uninstall** → **OK**.

Download Files from the Web

When you download files or web applications from the web, your phone stores them in a memory card.

Files that you download from the web can include viruses that will damage your phone. To lessen your risk, only download from sources that you trust.

Some media files include Digital Rights Management to protect copyrights. This protection might prevent you from downloading, copying, modifying, or transferring the files.

To download files from the web:

1. In Idle mode, select **Applications** → **Web**.
2. Search for a file or application and download it.

To install applications downloaded from websites other than Android Market, you must enable **Settings** → **Applications** → **Unknown sources** (touch the box to enter a check mark).

To view and manage the download history:

1. In Idle mode, select **Applications** → **Web**.
2. Press [▭] → **More** → **Downloads**.
3. To delete download history, select the checkbox next to the download(s) that you want to delete then select **Delete**. Select **Clear selection** to clear checkbox selections.

Synchronize Data

You can synchronize data (Google messages, calendar, and contacts) with the Google web server and back up or restore your data.

When the synchronization is complete, your phone stays connected to the web. If any change is made on the web, the updated information will appear on your phone and automatically will begin synchronization, and vice-versa.

- This feature might not be available in your region.
- To synchronize with the Google web server, you must have a Google account. If you do not have a Google account, sign up for a Google account by selecting **Create** on the first setup screen.

To set up a server account:

1. In Idle mode, select **Applications** → **Settings** → **Accounts and sync**.
2. Select **Add account** and select an account type.
3. Follow the on-screen instructions to complete the account setup.
   For online community services, such as Facebook or Twitter, enter your user name and password and select **Log in**.

To activate automatic sync:

If you add or edit data in any of the applications on the web

(Gmail, Calendar, and Contacts), the updated information will appear on your phone, and vice-versa.

1. In Idle mode, select **Applications** → **Settings** → **Accounts and sync**.
2. Enable **Auto-sync** (touch the box to enter a check mark).
3. Select the applications that you want to synchronize.

To exclude applications from automatic synchronization, clear the checkbox next to the application that you do not want to synchronize.

To synchronize data manually:

1. In Idle mode, select **Applications** → **Settings** → **Accounts and sync**.
2. Select an account.
3. Press [ ] → **Sync now**. Your phone will start synchronizing the data you have selected for synchronization.

communication

Calls

You can use your phone to make and answer calls, use options during calls, and customize and use call-related features.

Make and answer calls

To make a call:

1. In Idle mode, select **Phone**.
2. Enter an area code and phone number.
3. Select to make a voice call.

When you hold the phone close to your ear during a call, it automatically locks the touch screen to prevent accidental inputs.

4. To end the call, select **End call**.

- Use the phonebook to save the numbers that you dial frequently. ► p. 60
- To quickly access the call log to redial numbers that you have dialed recently, select **Phone → Call Logs**.
- Use the voice command feature to dial by voice.

To answer a call:

1. When a call comes in, slide the **Accept** icon to the right.

When the phone is ringing, press the Volume key to mute the ringtone.

2. To end the call, select **End call**.

To reject a call:

When a call comes in, slide the **Reject** icon to the left. The caller will be directed to your voice messaging system.

To send a message when you reject incoming calls, slide up the **Reject call with message** icon and select a message.

To call an international number:

1. In Idle mode, select **Phone**, and tap and hold **0** to insert the **+** character.
2. Enter the complete number that you want to dial (country code, area code and phone number), and then select to dial the number.

To call a contact from Contacts:

You can call numbers directly from Contacts using stored contacts. ► p. 60

1. In Idle mode, select **Contacts**.
2. Select a contact's name.

3. Select the number that you want to dial.

To use the headset:

By plugging the supplied headset into the phone, you can make and answer calls:

- **Answer a call:** Press the headset button.
- **Reject a call:** Press and hold the headset button.
- **Place a call on hold or retrieve a held call during a call:** Press and hold the headset button.
- **End a call:** Press the headset button.

The supplied headset is only designed to be used with for your phone and might not be compatible with other phones and MP3 players.

Use options during a voice call

You can use the following options while a voice call is in progress:

- **Adjust voice volume:** Press the Volume key up or down.
- **Place a call on hold:** Select .
- **Retrieve a held call:** Select .
- **Dial a second number:** Select **Add call** and then dial the new number.
- **Answer a second call:** Slide the **Accept** icon when the call waiting tone sounds. The new call is answered and the first call is placed on hold automatically. You must subscribe to a call waiting service to use this feature.
- **Open the dialing screen:** Select **Dialpad**.
- **Activate the speakerphone:** Select **Speaker**.

In noisy environments, you might have difficulty hearing some calls while using the speakerphone. For better audio performance, use the normal phone mode.

- **Turn off the microphone:** Select **Mute** so that the caller cannot hear you.
- **Use a Bluetooth headset:** Select **Headset** to use a Bluetooth headset to listen and talk to the caller.
- **Open the phonebook:** Press [ ] → **Contacts**.
- **Add a memo:** Press [ ] → **Memo**.
- **Switch between two calls:** Select **Swap**.
- **Make a multiparty call (conference call):** Make or answer a second call and select **Join** when connected to the second party. Repeat to add more parties. You must subscribe to the multiparty call service to use this feature.

View and dial missed calls

Your phone will display calls you have missed.

To dial the number of a missed call:

1. Open the shortcut panel.
2. Select the missed call.

Use additional features

You can use various other call-related features, such as auto rejection, call forwarding, or call barring.

To set auto rejection and set up the reject list:

You can use auto rejection to automatically reject calls from specific numbers.

1. In Idle mode, select **Applications** → **Settings** → **Call settings** → **All calls** → **Auto reject**.
2. Select **Enable auto reject** to activate auto rejection.
3. Select **Auto reject list**.
4. Press [ ] → **Create**.
5. Enter a number to reject and select **Save**.
6. To add more numbers, repeat steps 4-5.

To set call forwarding for voice calls:

Call forwarding is a network feature that allows you to send incoming calls to another number that you specify. You can set this feature separately for several conditions when you are not able to answer calls, such as when you are already on the phone or when you are outside of the service area.

1. In Idle mode, select **Applications → Settings → Call settings → Voice call → Call forwarding**.
2. Select a condition.
3. Enter a number to which calls will be forwarded and select **Enable**.
   Your setting will be sent to the network.

To set call barring:

Call barring is a network feature that restricts specific types of calling or prevents others from making calls with your phone.

1. In Idle mode, select **Applications → Settings → Call settings → Voice call → Call barring**.
2. Select a call type to restrict.
3. Enter a call barring password and select **OK**.
   Your setting will be sent to the network.

To set call waiting:

Call waiting is a network feature that alerts you of an incoming call when you are on a call.

1. In Idle mode, select **Applications → Settings → Call settings → Voice call → Call waiting**.
2. Your setting will be sent to the network.

To set auto redial:

Auto redial automatically redials a number that did not get connected or got cut off.

1. In Idle mode, select **Applications → Settings → Call settings → Voice call → Auto redial**.

To view call logs:

You can view logs of your calls and filter them by their types.

1. In Idle mode, select **Phone** → **Call Logs**.
2. Press [ ] → **View by** and select an option for sorting the call logs.

From the call logs, you can make a call directly to a contact by touching .

3. Select a log to view its details.

From the detail view, you can dial the number, send a message to the number or add the number to the phonebook or reject list.

Text and Multimedia Messages

You can create and send text (SMS), multimedia (MMS), or email messages, and view or manage messages that you have sent or received. For instructions on entering text, see ▶ p. 23.

You might incur additional charges for sending and receiving messages while outside your home service area. For details, contact your service provider.

To send a text message:

1. In Idle mode, select **Messaging** → **New message**.
2. Enter a number manually or select **Contacts** to select one from your contact list, **Recent** to select a recent recipient or **Group** to select a contact group.
3. If necessary, select the checkboxes next to the contacts to receive the message and select **Add**.
4. Select **Type to compose** and enter your message text. To insert emoticons, press [ ] → **Insert smiley**.
5. Select **Send** to send the message.

To send a multimedia message:

1. In Idle mode, select **Messaging** → **New message**.
2. Enter a number manually or select **Contacts** to select one from your contact list, **Recent** to select a recent recipient or **Group** to select a contact group.
3. If necessary, select the checkboxes next to the contacts to receive the message and select **Add**.
   When you enter an email address, the phone will convert the message into a multimedia message.
4. Select **Type to compose** and enter your message text. To insert emoticons, press [ ] → **Insert smiley**.
5. Press [ ] → **Attach**, select an option, and then add an item.
6. Press [ ] → **Add subject** and add a subject for the message.
7. Select **Send** to send the message.

To view text or multimedia messages:

1. In Idle mode, select **Messaging**.
   Your messages are grouped into message threads by contact.
2. Select a contact.
3. Select a text or multimedia message in the message thread.
4. For a multimedia message, select to view the attachment.

Listen to voicemail messages

If you have set missed calls to be diverted to voicemail, callers can leave a voice message when you do not answer incoming calls.

To access your voicemail inbox and listen to voicemail messages:

1. In Idle mode, select **Phone** → **Dialer**, and tap and hold **1**.
2. Follow the instructions on the voicemail server.

You must save the voicemail server number before accessing the server. Your service provider can give you the number.

Gmail™

You can retrieve new email messages from Gmail™ to your Inbox. When you access this application, the Inbox screen appears. The total number of unread messages displays in the title bar and the unread messages display in bold. If you have labeled a message, its label appears in a coloured rectangle on the message.

This feature might not be available in your region.

To send an email message:

1. In Idle mode, select **Applications** → **Gmail**.
2. Press [▭] → **Compose**.
3. Enter a name or address in the recipient field. Enter a subject and message.
4. To attach an image file, press [▭] → **Attach** an select a file.
5. Select to send the message.

To view email messages:

1. In Idle mode, select **Applications** → **Gmail**.
2. Select an email message.

From the message view, use the following options:

- To reply to the message, select .
- To reply to the message including all recipients, select → **Reply all**.
- To forward the message to other people, select → **Forward**.
- To add a star to the message, select .
- To view an attachment, select **Preview**. To save it to your memory card, select **Download**.
- To archive the message, select **Archive**.
- To delete the message, select **Delete**.
- To move to the previous or next message, select or .

Organize email by labels

You can organize your email by labelling your messages or adding stars to mark important messages. You can then sort messages by label filter.

To add a label to a message:

1. In the Inbox screen, touch and hold a message.
2. Select **Change labels**.
3. Select a label to add and select **OK**.

To add a star to a message:

1. In the Inbox screen, touch and hold a message.
2. Select **Add star**. The star icon next to the message is activated.

To archive a message:

1. In the Inbox screen, touch and hold a message.
2. Select **Archive**.

To filter messages:

1. In the Inbox screen, press [ ] → **Go to labels**.
2. Select the label of the messages that you want to view.

Email

You can send or view email messages using your personal or company email account.

To set up an email account:

1. In Idle mode, select **Applications** → **Email**.
2. Enter your email address and password.
3. Select **Next** (for general email accounts, such as Google Mail and Yahoo) or **Manual setup** (for other company email accounts).
4. Follow the on-screen instructions.

When you have finished setting up the email account, your email messages are downloaded to your phone. If you have created more than two accounts, you can switch between email accounts. Press [ ] → **Accounts** and select the one from which you want to retrieve the messages.

To send an email message:

1. In Idle mode, select **Applications** → **Email** and then select an email account.
2. Press [ ] → **Compose**.
3. Enter an email address manually or select **Contacts** to select one from your contact list, **Recent** to select a recent recipient or **Group** to select a contact group.
4. Select the Cc/Bcc field to send a copy of the message to other recipients.
5. Select the subject field to enter a subject.
6. Select the text input field to enter your email text.
7. Select **Attach** and attach a file.
   You can select an image, video, or sound clip.

8. Select **Send** to send the message.

If you are offline or outside your service area, the message will be held in the message thread list until you are online and in your service area.

To view email messages:

When you open an email account, you can view previously retrieved emails offline or connect to the email server to view new messages. After you retrieve email messages, you can view them offline.

1. In Idle mode, select **Applications** → **Email** and then select an email account.
2. Press [ ] → **Refresh** to update the message list.
3. Select an email message.

In the message view, press [ ] to access the following options:

- **Reply:** Reply to the message.
- **Forward:** Forward the message to other recipients.
- **Delete:** Delete the message.
- **Move to:** Move the email to a folder or the trash.
- **Show pictures:** View any pictures attached with it.
- **More:** To access more options such as Display mode, Text size, Add to Contacts, Save in Calendar.

Google Talk™

You can send instant messages to your friends or family using Google Talk™.

To add friends to your Friends list:

1. In Idle mode, select **Applications** → **Talk**
   The friend list shows all of your Google Talk contacts at a glance.
2. Press [ ] → **Add friend**.

3. Enter the email address of the friend and select **Send invitation**.

When your friend accepts the invitation, they are added to your friend list.

To start a chat:

1. In Idle mode, select **Applications** → **Talk**
2. Select a friend from the Friends list. The chat screen opens.
3. Enter your message and select **Send**.
   To insert emoticons, press [ ] → **More** → **Insert smiley**.
4. To switch between active chats, press [ ] → **Switch chats**.
5. To end the chat, press [ ] → **End chat**.

Social Hub™

You can access Social Hub™, the integrated communication application for email, messages, instant messages, contacts, or calendar information. Visit http://socialhub.samsungmobile.com for more details.

To access Social Hub:

1. In Idle mode, select **Applications** →**Social Hub**.
2. Check and use the contents delivered from the Social Hub.

entertainment

Camera

You can capture and view photos and videos. You can take photos at resolutions to 2560 x 1920 pixels (5 megapixels) and videos at resolutions up to 1280 x 720 pixels.

A memory card must be inserted into the phone.

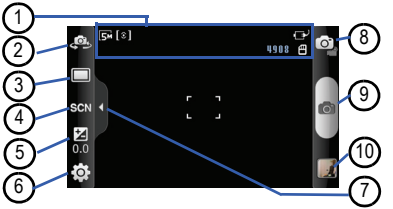
Capturing photos

To capture a photo:

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to landscape view.

- The camera interface only appears in the landscape orientation.
- The camera automatically turns off if you do not use it for a specific amount of time.

3. Aim the lens at the subject and make any necessary adjustments.



Number	Function
1	Check the camera status and settings. • : Resolution • : Exposure meter type • : GPS activated • 4948: Number of photos you can take (depends on memory card space) • : Storage location (memory card)

Number	Function
2	Select self-shot or rear camera.
3	Change the shooting mode.
4	Change the scene mode.
5	Adjust the exposure value.
6	Change the camera settings.
7	Hide or display icons in the viewfinder.
8	Switch to camcorder.
9	Capture a photo.
10	View the photo or video that you captured last.

4. Press the Volume key to zoom in or out.
5. In the preview screen, tap where you want to focus. The focus frame moves to the location that was tapped and changes to green when the subject is in focus.

6. Select to take a photo. The photo is saved automatically.

After taking photos, select the recent photo thumbnail image (see #10 on the screen diagram above) to view the taken photos.

- **View more photos:** scroll left or right.
- **Zoom in or out:** Select or . You can also double tap on the screen to zoom in or out.
- **Share:** Send a photo to others.
- **Set as:** Set a photo as wallpaper or a caller ID image for a contact.
- **Delete:** Delete the photo.

To capture a photo using preset options for various scenes:

Your camera provides you with predefined settings for various scenes. You can select the proper mode for your shooting condition and subjects. For example, when you take photos at night, select the night mode that uses an extended exposure.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select SCN, select a scene mode to view the description, then select the scene mode again.
4. Make any necessary adjustments.
5. Select to take a photo.

To capture a series of photos:

You can easily take a series of photos of moving subjects. This is useful when you are photographing a sporting event or children at play.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.

3. Select → **Continuous**.
4. Make any necessary adjustments.
5. Tap and hold . The camera will continue to take photos until you release the camera shutter.

To capture a panoramic photo:

You can take wide panoramic photos using Panorama shooting mode. This mode is convenient for photographing landscapes.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select → **Panorama**.
4. Make any necessary adjustments.
5. Select to take the first photo.
6. Slowly move the phone in any direction and align the green frame with the viewfinder. When you have aligned the green frame and viewfinder, the camera will automatically take the next photo.
7. Repeat step 6 up to six more times. When eight photos have been collected, the panoramic photo is automatically completed. To stop adding photos and complete the panoramic photo before eight have been collected, select .

To capture a photo in Smile shot mode:

Your camera can recognize people's faces and help you to take photos of their smiling faces.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select → **Smile shot**.
4. Make any necessary adjustments.
5. Select .

6. Aim the camera lens at your subject.

   Your phone recognizes people in an image and detects their smiles. When the subject smiles, the phone automatically takes a photo.

To capture a beauty photo:

You can hide facial imperfections by taking photos in the Beauty mode.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select → **Beauty**.
4. Make any necessary adjustments.
5. Select to take a photo.

To capture a vintage photo:

You can take photos with a vintage look and feel by applying colour filters. You can select an option to add a warm, cool, or a mono (black and white) look.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select → **Vintage**.
4. Select to select a colour filter. You can select warm, cool or mono.
5. Make any necessary adjustments.
6. Select to take a photo.

To capture a photo using the frame guide:

You can take two photos with the same background and then combine the left and right halves of each photo into one photo. This option automatically combines the two photos

into one. This feature is useful if you want to take a photo with a friend but no one is available to take the photo for you.

The preview image appears to be enlarged in this mode, but the files are saved at the normal image quality.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select → **Add me**.
4. Make any necessary adjustments.
5. Select to take the first photo.
   The left half of the first photo appears as a transparent guide for the next photo.
6. Make any necessary adjustments with the aid of the guide.
7. Select to take the second photo.
   The phone automatically combines the left side of the first photo and the right side of the second photo into one photo.

To capture a sequence of action photos:

You can capture shots of a moving subject and then combine them into a single photo that shows the action.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select → **Action shot**.
4. Make any necessary adjustments.
5. Select to take the first photo.
6. Move the phone to follow the moving subject.
   The phone automatically captures the next photos.

7. Continue to follow the subject until the phone has captured all of the shots required for the sequence.

To capture a photo in Cartoon mode:

You can take photos with cartoon effects.

1. In Idle mode, select **Applications** → **Camera**.
2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select → **Cartoon**.
4. Make any necessary adjustments with the aid of the guide.
5. Select to take a photo.

Customize the camera settings

Before taking a photo, select → to access the following options:

Option	Function
Outdoor visibility	Enhances LCD visibility when outdoors.
Focus mode	Take close-up photos or set the camera to automatically focus on the subject or on human faces.
Timer	Set a time delay before the camera takes a picture.
Resolution	Change the camera's resolution.
White balance	Adjust the colour balance according to the lighting conditions.
Effects	Apply a special effect, such as sepia or black and white tones.

Option	Function
ISO	Adjust the sensitivity of the camera imaging sensor.
Metering	Select a type of exposure meter.
Anti-Shake	Reduce the blur caused by the phone's vibration or movement.
Auto contrast	Automatically adjust the contrast between the subject and background.
Blink detection	Set the camera to alert you when people close their eyes.
Image quality	Set the quality level for your photos.
Adjust	Adjust the contrast, saturation, and sharpness.

Before taking a photo, select → to access the following settings:

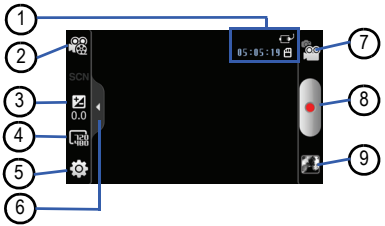
Setting	Function
Guidelines	Display guidelines on the preview screen.
Review	Set the camera to display the taken photo.
GPS tag	Set the camera to record GPS information with each image.
Shutter sound	Set the camera shutter to make a sound when capturing a photo.
Reset	Reset menus and shooting options.

Capturing video

To capture a video:

1. In Idle mode, select **Applications** → **Camera**.

2. Rotate the phone counter-clockwise to switch to the landscape view.
3. Select to switch to the camcorder.
4. Aim the lens at the subject and make any necessary adjustments.



Number	Function
1	Check the camcorder status and settings. • 05:07:37: Length of video that can be captured (depends on available memory). • : Storage location (memory card)
2	Change the recording mode (for attaching to a multimedia message or for saving normally).
3	Adjust the exposure value (select **+** to increase or **–** to decrease).
4	Change the video resolution.
5	Change the camcorder settings.
6	Hide or display icons in the viewfinder.
7	Switch to the camera.
8	Capture a video.
9	View the last photo or video that you captured.

5. Press the Volume key to zoom in or out.
6. Select to start recording.
7. Select to stop recording.
   The video is saved automatically.

The camera might not be able to properly record videos to a memory card with a slow transfer speed.

After capturing videos, select the recent video thumbnail image (see #9 on the screen diagram above) to view the captured videos.

- **Scroll left or right:** View more videos.
- **Play:** Play a video.
- **Delete:** Delete a video.
- **Share:** Send a video to others.

Customize the camcorder settings

Before capturing a video, select → to access the following options:

Option	Function
Outdoor visibility	Enhances LCD visibility when outdoors.
Timer	Select the length of delay before the camera starts recording a video.
White balance	Adjust the colour balance to suit the lighting conditions.
Effects	Apply a special effect, such as sepia or black and white tones.
Video quality	Set the quality level for your videos.
Adjust	Adjust contrast, saturation, and sharpness.

Before capturing a video, select → to access the following settings:

Setting	Function
Guidelines	Display the guidelines on the preview screen.
Audio recording	Turn the audio on or off.
Review	Set the camera to display the recorded video.
Reset	Reset menus and shooting options.

Videos

You can use the video player to play various kinds of videos. The video player supports the following file formats: .3gp, .mp4, .wmv (Codec: MPEG4, H.263, H.264, DivX).

- Some file formats are not supported depending on the software of the phone.
- If the file size exceeds the available memory, an error can occur when you open files.

To play a video:

1. In Idle mode, select **Applications** → **Videos**.
2. Select the video that you want to play.
3. Rotate the phone counter-clockwise to switch to the landscape view.

4. Control the playback with the following icons:

Icon	Function
	Change the ratio of the video screen.
	Scan backward in a file (tap and hold).
	Pause playback.
	Resume playback.
	Scan forward in a file (tap and hold).
	Activate the 5.1 channel surround sound system when a headset is connected.
	Return to the video selection screen.

Gallery

You can view photos and play videos saved in your phone's memory or on a memory card.

If your phone indicates that the memory is full when you access Gallery, delete some of the files using My Files or other file management applications and try again.

Supported File Formats

Your phone supports the following file formats:

Type	Format
Image	Extension: .bmp, .gif, .jpg, .wbmp, and .png
Video	• Extension: .3gp, .mp4, .wmv • Codec: MPEG4, H.263, H.264, and DivX

- Avoid locking the phone's screen while playing a DivX Video-On-Demand. Each time you lock the screen while playing a DivX Video-On-Demand, one of your available rental counts will be decremented.
- Some file formats are not supported, depending on the software of the phone.
- If the file size exceeds the available memory, an error can occur when you open files.

To view a photo in Gallery:

1. In Idle mode, select **Applications** → **Gallery**.
2. Select a folder.
3. To change the view mode, select or at the top right of the screen.
4. Select a photo (thumbnails without the icon) to view.

While viewing a photo, use the following options:

- **Scroll left or right:** View more photos.
- **Zoom in or out:** Select or . You can also tap the screen with two fingers and then spread them apart to zoom in (move your fingers closer together to zoom out).
- **Slideshow:** Start a slideshow images in the selected folder. Tap the screen to stop the slideshow.

To play a video in Gallery:

1. In Idle mode, select **Applications** → **Gallery**.
2. Select a video (thumbnails with the icon) to play.
3. Rotate the phone counter-clockwise to switch to the landscape view.
4. Control the playback with the virtual keys. ► p. 53

To share images or videos in Gallery:

1. In Idle mode, select **Applications** → **Gallery**.

2. Select a folder.
3. Touch and hold an image or video file to select it. A green check mark appears in the top right corner.
4. To select additional files, tap the files. A green check mark appears in the top right corner.
5. Select **Share** and select a sharing option.

Music Player

You can listen to music using the music player. The music player supports the following file formats: .mp3, .mp4, .3gp, .mid, .wav, .aac, and .amr.

- You can also play music files in the following formats if you open them from **Files**, multimedia messages, or on the web browser: .mid, .midi, .aac, .amr, imelody, and .wav.
- Some file formats are not supported depending on the software of the phone.
- If the file size exceeds the available memory, an error can occur when you open files.

To add music files to your phone:

Transfer files to your phone or memory card:

- Download from the web. ▶ p. 28

- Download from a PC with the optional Samsung Kies. ▶ p. 84
- Receive using Bluetooth. ▶ p. 76
- Copy to your memory card. ▶ p. 57
- Synchronize with Windows Media Player 11. ▶ p. 84

To copy music files to a memory card:

1. Insert a memory card.
2. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.

Before copying the music files, enable the storage settings by selecting **Applications** → **Settings** → **Applications** → **USB settings** → **Mass storage**.

3. When the USB connected screen appears, select **Connect storage to PC** → **OK**.
4. Open the folder to view files.
5. Copy files from the PC to the memory card.
6. When file transfer is complete, select **Disconnect storage from PC**.

To play music files:

1. In Idle mode, select **Applications** → **Music Player**.
2. Scroll to the left or right to select a music category.
3. Select a music file.
4. Control playback with the following icons:

Icon	Function
	Adjust the volume.
	Activate the 5.1 channel surround sound system when a headset is connected.
	Activate Shuffle mode. (Displays when you tap the player screen.)

Icon	Function
	Change the repeat mode (off, repeat a file, or repeat all files). (Displays when you tap the player screen.)
	Skip backward or scan backward in a file (tap and hold).
	Pause playback or select ▶ to resume playback.
	Skip forward or scan forward in a file (tap and hold).

- SRS CS Headphone™ delivers a 5.1 surround sound experience over standard headphones or earbuds when listening to multichannel content, such as DVD movies.
- WOW HD™ significantly improves the playback quality of audio, delivering a dynamic 3D entertainment experience with deep, rich bass and high frequency clarity for crisp detail.

To access disc view:

1. In Idle mode, select **Applications** → **Music Player**.
2. Press [▭] → **Go to disc view**. Albums are displayed in landscape view.
3. Scroll left or right to an album.
4. Select the album image to begin playback.
5. Select ❚❚ or ▶ to pause or resume the current playback.
6. Select to switch to circle view.
7. Drag around the circle to select a track.
   To switch to another category, select **All** and then select a category.

8. Select to switch back to disc view.

To create a playlist:

1. In Idle mode, select **Applications** → **Music Player**.
2. Select **Playlists**.
3. Press [▭] → **Create**.
4. Enter a title for the new playlist and select **Save**.
5. Select **Add music**.
6. Select the files that you want to include and select **Add**.

To add songs to the quick list:

You can add songs to the quick list and save them as a playlist. During playback, press [▭] → **Add to quick list** to add the current song to the quick list.

To go to the quick list, from the music player main screen, select **Playlists** → **Quick list**. To save the quick list as a playlist, press [▭] → **Save as playlist**.

To customize music player settings:

1. In Idle mode, select **Applications** → **Music Player**.
2. Press [▭] → **More** → **Settings**, or press [▭] → **Settings**.
3. Adjust the following settings to customize your music player:

Option	Function
Equalizer	Select a default sound equalizer type.
Effect	Select a sound effect.
Music menu	Select music categories to display on the music library screen.
Visualization	Display an animated visualization during playback.

personal information

Contacts

You can use contact cards and groups to store personal information in the phone's memory or on your SIM card. You can save names, mobile phone numbers, home phone numbers, email addresses, birthdays and more for your contacts.

To add a contact to the contact list:

1. In Idle mode, select **Contacts**.
2. Select .
3. Select a storage location.
4. Enter contact information.
5. Select **Save** to add the contact card to memory.

To create a contact from the dialer screen:

1. In Idle mode, select **Phone** → **Dialer**.
2. Enter a phone number.

3. Select **Add to Contacts** → .
4. Select a memory location.
5. Enter contact information.
6. Select **Save** to add the contact to memory.

To import contacts from a memory card (vcf format):

1. In Idle mode, select **Contacts**.
2. Press [ ] → **Import/Export** → **Import from SD card** → **OK**.

To export contacts to a memory card (vcf format):

1. In Idle mode, select **Contacts**.
2. Press [ ] → **Import/Export** → **Export to SD card** → **OK**.

To find a contact:

1. In Idle mode, select **Contacts**.
2. Scroll up or down in the contact list, tap the first letter of the name in the vertical letter list at the right side of the screen to move to that section of the list, or start entering the contact name in the search box.
3. Select a contact's name.

Once you have found a contact, you can:

- Call the contact by tapping the phone number.
- Send a message by selecting **Message**.
- Send an email message by selecting an email address.
- Edit the contact information by pressing [ ] → **Edit**.

To set a speed dial number:

1. In Idle mode, select **Contacts**.
2. Press [ ] → **More** → **Speed dial**.

3. Select a location number and then select a contact.

You can quickly dial this number by touching and holding the location number in the dialing screen.

To create your namecard:

1. In Idle mode, select **Contacts**.
2. Press [▭] → **More** → **My profile**.
3. Enter your details.
4. Select **Save**.

You can send your namecard by attaching it to a message or email or by transferring it using Bluetooth.

To retrieve contacts from your community accounts:

You can view the list of community website accounts and select an account to add a contact from the website to your phone contacts.

1. In Idle mode, select **Contacts**.
2. Press [▭] → **Get friends**.
3. Select an account.

To create a group of contacts:

By creating groups of contacts, you can manage multiple contacts and send messages or email to an entire group. Start by creating a group.

1. In Idle mode, select **Contacts** → **Groups**.
2. Press [▭] → **Create**.
3. Enter a name and select a ringtone for the group.
4. Select **Save**.

To add accounts:

You can add and configure accounts such as Facebook and Twitter.

1. In Idle mode, select **Contacts**.
2. Press [ ] → **More** → **Accounts**.
3. Select **Add account** and select an account from the list.

To view the communication log:

You can view the communication log of calls, messages, email or SNS threads.

1. In Idle mode, select **Contacts** → **History**.
2. Select the item that you want to view.

To view social network activities:

You can view the recent activities of contacts in social network services, such as Facebook and Twitter.

1. In Idle mode, select **Contacts** → **Updates**.
2. Select the item that you want to view.

Calendar

You can create and manage daily, weekly, or monthly events, and set alarms to remind yourself of important events.

To create an event:

1. In Idle mode, select **Applications** → **Calendar**.
2. Press [ ] → **Create**.
3. Enter the details of the event as required.
4. Select **Save**.

To change the calendar view:

1. In Idle mode, select **Applications** → **Calendar**.
2. Select a view mode at the top of the calendar.

To view events of a specific date:

1. In Idle mode, select **Applications** → **Calendar**.
2. Select a date on the calendar. In the month view, days with scheduled events are indicated by a small triangle.
   To move to a specific day by entering a date manually, press [▭] → **Go to**, enter the date by selecting **+** or **-**, and select **Set**.
   To select today's date, press [▭] → **Today**.
3. Select an event to view its details.

You can send the event to others by pressing [▭] → **Send via** and select an option.

To stop an event alarm:

If you set an alarm for a calendar event, the alarm notification sounds and the event alarm icon appear at the specified time.

1. Open the shortcuts panel from the top of the screen.
2. Select the calendar notification to view more details about the event.
3. To snooze or dismiss the reminder, tap the desired event or Select all to add a check mark, then select **Snooze** or **Dismiss**.

Memo

You can record important information to save and view later.

To create a memo:

1. In Idle mode, select **Applications** → **Memo**.
   - If you have no saved memos, the Create memo screen is automatically displayed.
   - If you have one or more saved memos, select **Create memo** or press [▭] → **Create**.
2. Enter your memo text.

3. To change the background colour, press [⮌] and select a colour.
4. Select **Save**.

To view memos:

1. In Idle mode, select **Applications** → **Memo**.
2. Select a memo to view its details.

To send the memo to others, tap and hold the memo and select **Send via** → an option.

Voice Recorder

You can record memos with your phone's voice recorder and then set the voice memos as call or alarm ringtones.

To record a voice memo:

1. In Idle mode, select **Applications** → **Voice Recorder**.
2. Select ● to start recording.
3. Speak into the microphone.
4. When you are finished, select ■.
5. To record more voice memos, select ● at the bottom of the screen.

To play a voice memo:

1. In Idle mode, select **Applications** → **Voice Recorder**.
2. Select **List**.
3. In the voice memo list, select the voice memo that you want to play.

You can send the voice memo to others by tapping and holding a voice memo and selecting **Share**.

web

Web services require a data connection. Contact your operator to choose the best data plan.

Web-based services such as Google Maps, Google Latitude, Places and YouTube may work differently from the description shown here due to changes in the online programs.

Web

You can access and bookmark your favourite web pages.

- You might incur additional charges for accessing the web and downloading media. For details, contact your service provider.
- Available icons can vary depending on your region.

To browse web pages:

1. In Idle mode, select **Applications** → **Web**. The preset homepage opens.
2. To access a specific web page, select the URL input field, enter the web address (URL) of the web page and select **Go**.
   You can also select to open a list of saved bookmarks, frequently visited pages, and recent internet history.

While browsing web pages, you can use the following options:

- **Zoom in or out:** Double-tap the screen or place two fingers on the screen and slowly pinch or spread them apart to zoom in or out.
- **[▭]** → **New window:** Open a new window.
- **[▭]** → **Brightness setting:** Adjust the brightness of the screen.
- **[▭]** → **Windows:** View the currently active windows. You can open multiple pages and switch back and forth between them.
- **[▭]** → **Refresh:** Reload the current web page.
- **[▭]** → **Forward:** Go to the next page in history.
- **[▭]** → **More** → **Add bookmark:** Bookmark the current web page.
- **[▭]** → **More** → **Add shortcut to Home:** Adds a shortcut to the current web page on the idle screen.
- **[▭]** → **More** → **Add RSS feeds:** Add an RSS feed. You can read RSS feeds using Google Reader.
- **[▭]** → **More** → **Find on page:** Search for text on the web page.
- **[▭]** → **More** → **Page info:** View the web page details.
- **[▭]** → **More** → **Share page:** Send the web address (URL) of the web page to others.

- **[ ] → More → Downloads:** View the download history.
- **[ ] → More → Settings:** customize the browser settings.

To bookmark your favourite web pages:

1. In Idle mode, select **Applications → Web**.
2. Select **→ Bookmarks**.
3. Select **Add**. To bookmark the web page you were viewing, press [ ] **→ Bookmark last-viewed page**.
4. Enter a page title and a web address (URL).
5. Select **OK**.

In the bookmark list, tap and hold a bookmark to use the following options:

- **Open:** Opens the web page.
- **Open in new window:** Open the web page in a new window.
- **Edit bookmark:** Edit the bookmark details.
- **Add shortcut to Home:** Add the bookmark shortcut to the Idle screen.
- **Share link:** Send the web address (URL) of the web page to others.
- **Copy link URL:** Copy the web address (URL) of the web page.
- **Delete bookmark:** Delete the bookmark.
- **Set as homepage:** Use the web page as the homepage in the browser.

To add an RSS feed address:

1. In Idle mode, select **Applications → Web**.
2. Move to a web page that has an RSS feed.
3. Press [ ] **→ More → Add RSS feeds**.
4. Select the RSS feed that you want to add.

5. Select **OK** to open Google Reader and view the RSS feed.

To access frequently visited pages or the recent history:

1. In Idle mode, select **Applications** → **Web**.
2. Select and then select **Most visited** or **History**.
3. Select the web page that you want to access.

You can add a web page to the bookmark list by selecting the star icon on the right side of the screen.

Google Search

You can search for information from websites using the Google Search service. The Google Search bar is added to your Idle screen by default.

1. In Idle mode, select the Google Search bar.
2. Enter a keyword and select **Go**.

You are then connected to the Google website.

Google Maps™

You can use Google Maps to find your location, search the online map for streets, cities, or countries, and get directions.

- This feature might not be available in your region.
- To use Google Maps, you must select **Settings** → **Location and security** → **Use wireless networks** or **Use GPS satellites**.

To change the map view:

1. In Idle mode, select **Applications** → **Maps**.

To search the map:

1. In Idle mode, select **Applications** → **Maps**.
2. Drag your finger to scroll through the map.

3. To zoom in or out, select **+** or **-**. You can also place two fingers on the screen and slowly pinch or spread them apart to zoom in or out.

To find your location:

1. In Idle mode, select **Applications** → **Maps**.
   The map will display your current location (Blinking blue arrow).
2. Tap on the blue arrow and then tap **My Location** box.

To search for a specific location:

1. In Idle mode, select **Applications** → **Maps**.
2. Tap **Search Maps**.
3. Use one of the following methods:
   - Enter the address.
   - Enter the category of the business.
   - Select an address you have visited from the list.
   - Select and speak the location.

To get directions to a specific destination:

1. In Idle mode, select **Applications** → **Maps**.
2. Press [ ] → **Directions**.
3. Enter the addresses of the starting location and the ending location.
   To enter your current location, an address from your contact list, a location on the map, or a saved or recent location, select → **My current location**, **Contacts**, **Point on map** or **My Places**.
4. Select a travel method (Driving, Transit, Bicycling or Walking) and select **Get directions**.
5. Select a travel route to view the details of your trip (if necessary).
6. For voice-guided navigation, select Navigate.

Google Latitude™

You can share your location with your friends and view your friend's locations using Google Latitude™.

This feature might not be available in your region.

1. In Idle mode, select **Applications** → **Latitude**.
2. Select → **Select from Contacts** or **Add via email address**.
3. Select the friends that you want to add or enter an email address and select **Add friends** → **Yes**.
   When your friend accepts your invitation, you can share locations.

You can view the marks that indicate the locations of your friends by pressing [ ] → **Map view**.

Places

Learn to search for a place around you.

This feature might not be available in your region.

1. In Idle mode, select **Applications** → **Places**.
2. Select a category.
   Your device searches for places around your current location that are related to the category.
3. Select a place name to view its details.
4. While viewing information, use the following options:
   - To view the place on the map, select **Map**.
   - To view the route to the place, select **Directions**.
   - To view the phone number of the place, select **Call**.

Navigation

Learn to use the GPS navigation system to find and show your destination with voice guidance.

- Navigation maps, your current location, and other navigational data may differ from actual location information. You should always pay attention to road conditions, traffic, and any other factors that may affect your driving and follow all safety warnings and regulations while driving.
- This feature might not be available in your region.

1. In Idle mode, select **Applications** → **Navigation**.
2. If you are launching this application for the first time, select **Accept**.
3. Enter your destination by using one of the following methods:
   - **Speak Destination**: Speak your destination such as "Navigate to destination."
   - **Type Destination**: Enter your destination with the virtual keypad.
   - **Contacts**: Select your destination from addresses of your contacts.
   - **Starred Places**: Select your destination from the list of your starred places.

Follow the on-screen instructions to use the navigation service.

YouTube™

YouTube is a free online video streaming service. You can view and share videos using YouTube.

This feature might not be available in your region.

To watch videos on YouTube:

1. In Idle mode, select **Applications** → **YouTube**.
2. Select a video from the list.
3. Rotate the phone counter-clockwise or double tap to switch to landscape view.
4. Tap the screen to start and stop playback. You can also use the following keys:

Number	Function
1	Touch the screen to start or stop playback.
2	Move to a point in the file by dragging indicator in the bar.
3	Turn closed captioning on or off.
4	Turn HQ display on or off.

To search for videos:

1. In Idle mode, select **Applications** → **YouTube**.
2. Press [ ] → **Search**.
3. Enter your search item to display different categories related to your search.
4. Select a category from the list.
5. Select a video from the list.

To access your YouTube account:

1. In Idle mode, select **Applications** → **YouTube**.
2. Press [ ] → **My Channel**.
3. Select **Add account**.

News & Weather

You can get current weather and news information from the web.

1. In Idle mode, select **Applications** → **News & Weather**.
2. Scroll left and right to view the various categories of information.
3. Select [ ] → to update information.

To select the information displayed on the screen, press [ ] → .

Market

You can download games, ringtones, or other applications from the Android Market.

This feature might not be available in your region.

1. In Idle mode, select **Applications** → **Market**.
2. Search for a file and download it to the phone. ► p. 27

connectivity

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 10 metres without requiring a physical connection.

You do not need to line up the phones to beam information with Bluetooth. If the phones are within range of one another, you can exchange information between them even if they are located in different rooms.

- Samsung is not responsible for the loss, interception, or misuse of data sent or received using the Bluetooth wireless feature.
- Always ensure that you share and receive data with phones that are trusted and properly secured. If there are obstacles between the phones, the operating distance may be reduced.

- Some phones, especially those that are not tested or approved by Bluetooth SIG, might not be compatible with your phone.

To turn on the Bluetooth wireless feature:

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Bluetooth settings**.
2. Select **Bluetooth** to turn on the Bluetooth wireless feature. A green check mark appears at the right side to indicate that it is turned on.

To find and pair with other Bluetooth-enabled phones:

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Bluetooth settings** → **Scan devices**.
2. Select a device.
3. Enter a PIN for the Bluetooth wireless feature or the other phone's Bluetooth PIN, if it has one, and select **OK**. Alternatively, select **Accept** to match the PIN between your phone and the phone.
   When the owner of the other phone enters the same PIN or accepts the connection, pairing is complete. If the pairing is successful, the phone will automatically search for available services.

Some phones, especially headsets or hands-free car kits, might have a fixed Bluetooth PIN, such as 0000. If the other phone has a PIN, you must enter it.

To send data using the Bluetooth wireless feature:

1. Select a file or item, such as a contact, calendar event, memo, or media file, from an appropriate application or from **Files**.
2. Press [ ] → **Share**, **Send via**, or **Send namecard via** → **Bluetooth**.
3. Search for and pair with a Bluetooth-enabled phone.

To receive data using the Bluetooth wireless feature:

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Bluetooth settings** → **Visible**.
   Your phone is visible to other Bluetooth phones for 120 seconds.
2. When prompted, enter the PIN for the Bluetooth wireless feature and select **OK** (if necessary).
3. If necessary, select **Accept** to confirm that you are willing to receive data from the other phone.

Received data is saved to the appropriate application or to a folder according to its type. For example, a music or sound clip is saved to the sound folder and a contact to the phonebook.

Wi-Fi

You can use your phone's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 b/g/n standards. You can connect to the internet or other network phones anywhere an access point or wireless hotspot is available.

Your phone uses non-harmonized frequency and therefore some countries might restrict the use of a WLAN.

To activate the WLAN feature:

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Wi-Fi settings.**
2. Select **Wi-Fi** to turn on the wireless networking feature. A green check mark appears at the right side to indicate that it is turned on.

An active WLAN running in the background will consume battery power. To preserve battery power, only activate the WLAN when needed.

To find and connect to a WLAN:

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Wi-Fi settings**.
   The phone will automatically search for available WLANs.
2. Select a network under **Wi-Fi networks**.
3. Enter a password for the network (if necessary).
4. Select **Connect**.

To add a WLAN manually:

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Wi-Fi settings** → **Add Wi-Fi network**.
2. Enter the SSID for the network and select the security type.
3. Set the security settings depending on the selected security type.
4. Select **Save**.

To connect to a WLAN using a Wi-Fi Protected Setup (WPS):

Using WPS, you can connect to a secured network.

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Select **WPS button connection**.

3. Press a WPS button on the access point within two minutes.

To connect to a WLAN with a WPS PIN:

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Wi-Fi settings**.
2. Select a network indicated by the WPS icon and select **WPS PIN**.
3. On the access point, enter the PIN and press the start button.

AllShare

You can use the Digital Living Network Alliance (DLNA) service to share media files between DLNA-enabled phones in your home over a WLAN.

You must first activate the WLAN feature and add a WLAN profile. ► p. 78

To customize DLNA settings for sharing media files:

To allow other DLNA-enabled phones to access media files on your phone, you must activate media sharing.

Some files may not play on the DLNA-enabled phones depending on the phones.

1. In Idle mode, select **Applications** → **AllShare**.
2. Select **Settings**.
3. Adjust the following settings to customize the DLNA feature:

Option	Function
Media server name	Enter a name for your phone as a media server.
Share media	Turn on video sharing, picture sharing or audio sharing with other DLNA-enabled phones.

Option	Function
Access point network	Select a connection profile to use for DLNA connections.
Upload from other phones	Set whether or not to accept the upload from other phones.

To play your files on another DLNA-enabled phone:

1. In Idle mode, select **Applications** → **AllShare**.
2. Select **Play file from my phone on another player**.
3. Select a media category and then select a file.
4. Select **Add to playlist**.
5. Select a player (the one that will play the media file). Playback begins on the selected player.
6. Control playback using the icons on your phone.

Playback might be buffered, depending on the network connection and the connected server.

To play others' files on your phone:

1. In Idle mode, select **Applications** → **AllShare**.
2. Select **Play file from server on my phone**.
   Your phone automatically searches for DLNA-enabled phones.
3. Select a phone as the media server (the one that contains media files).
4. Select a media category and a file.
5. Control playback using the icons on your phone.

To play files from one phone on the other phone:

1. In Idle mode, select **Applications** → **AllShare**.
2. Select **Play file from server on another player via my phone**.
   Your phone automatically searches for DLNA-enabled phones.

3. Select a phone to be the media server (the one that contains the media files).
4. Select a media category and a file.
5. Select a player (the one that will play the media file). Playback begins at the selected player.
6. Control playback using the icons on your phone.

Mobile AP

The Mobile AP feature sets your phone to be a wireless AP (Access Point) to connect to the internet on other network phones.

1. In Idle mode, select **Applications** → **Settings** → **Wireless and network** → **Tethering and portable hotspot** → **Mobile AP settings**.
2. Select **Mobile AP** to activate the Mobile AP feature.
3. Select **Yes** to confirm.

To change settings, select **Configure mobile AP**.

To protect your wireless access point from unauthorized connection, change the security setting to WPA2 PSK and create a password that must be entered on all devices accessing the AP.

4. From another phone, locate your phone's name in the available connection list and connect to the network. If WPA2 PSK security is enabled, enter the appropriate password in the WPA field.

TV Connections (TV Out Mode)

You can connect your phone to a TV and view the phone's interface on the TV screen.

1. In Idle mode, select **Applications** → **Settings** → **Display** → **TV out**.
2. Select **TV out** to activate TV out mode.
3. Select **TV system**.
4. Select a video encoding system according to your region.

Option	Function
PAL	Australia, Austria, Belgium, China, Denmark, England, Finland, Germany, Italy, Kuwait, Malaysia, Netherlands, New Zealand, Norway, Singapore, Spain, Sweden, Switzerland, Thailand
NTSC	Canada, Japan, Korea, Mexico, Taiwan, USA

5. Ensure that the TV is on and connect your phone to the TV with a TV out cable.
   Match the colours at the ends of the TV out cable with those on the TV's A/V ports.
6. Switch the TV to External input mode.
   The phone interface appears on the TV screen.

- Your files might not display correctly due to differences in video systems or quality or the TV display.
- The Bluetooth stereo headset and zoom features will not work in TV out mode.

PC Connections

You can connect your phone to a PC in various USB connection modes: you can use the Samsung Kies program to update the phone's firmware, synchronize files with Windows Media Player, transfer data to and from your phone directly, or use your phone as a wireless modem.

To connect with Samsung Kies:

Ensure that Samsung Kies is installed on your PC. You can download the program from the Samsung website (www.samsungmobile.com).

1. In Idle mode, select **Applications** → **Settings** → **Applications** → **USB settings** → **Samsung Kies**.
2. Press [⌂] to return to Idle mode.
3. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
4. Run Samsung Kies and use wireless connections to copy data and files.
   Refer to the Samsung Kies help for more information.

To synchronize with Windows Media Player:

Ensure that Windows Media Player is installed on your PC.

1. In Idle mode, select **Applications** → **Settings** → **Applications** → **USB settings** → **Media player**.
2. Press [⌂] to return to Idle mode.
3. Using an optional PC data cable, connect the multifunction jack on your phone to a PC on which Windows Media Player is installed.
   When connected, a pop-up window will appear on the PC.
4. Open Windows Media Player to synchronize the music files.
5. Edit or enter your phone's name in the pop-up window (if necessary).

6. Select and drag music files to the sync list.
7. Start synchronization.

To connect as a mass storage phone:

You can connect your phone to a PC as a removable disk and access its file directory. If you insert a memory card into the phone, you can also access the file directory of the memory card by using the phone as a memory card reader.

The file directory of the memory card will appear as a removable disk.

1. If you want to transfer files to or from a memory card, insert a memory card into the phone.
2. In Idle mode, select **Applications** → **Settings** → **Applications** → **USB settings** → **Mass storage**.
3. Press ⌂ to return to Idle mode.
4. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
5. When connected, a pop-up window will appear on the phone. Select **Connect storage to PC** → **OK.**
6. The AutoPlay pop-up window appears on the PC. Click **Open folder to view files**.
7. Copy files between the PC and the memory card as required.

To disconnect the phone from the PC, click the **Safely Remove Hardware and Eject Media** icon in the Windows task bar and select **SAMSUNG_Android - Eject Removable Disk**. Disconnect the phone when the Safe to Remove Hardware message appears. Then disconnect the PC data cable from the PC. Otherwise, you might lose data stored on the memory card or damage the memory card.

USB Tethering

You can set your phone as a wireless modem for PC's and share your phone's mobile network connection via USB.

1. Using an optional PC data cable, connect the multifunction jack on your phone to a PC.
2. In Idle mode, select **Applications → Settings → Wireless and network → Tethering and portable hotspot → USB Tethering** .
   Your phone will share the mobile network connection on your PC.
   To stop sharing the network connection, clear the check box next to USB tethering.

The sharing method for the network connection might differ depending on the PC's operating system.

tools

Alarm & Clocks

You can set and control alarms for important events and set various world clocks. You can also use the stopwatch and count-down timer.

To set a new alarm:

1. In Idle mode, select **Applications** → **Alarm & Clocks**.
2. Select **Create alarm** or press [▭] → **Create**.
3. Set the alarm details: **Alarm time**, **Alarm repeat** (One-time event, Daily, Every weekday, Weekly, or select days), **Name**, **Snooze** (permit alarm delay for preset time by touching “Snooze”, **Smart alarm** (phone plays a natural sound and displays the alarm screen for preset time before the set alarm goes off), **Alarm type** (Melody, Vibration, Vibration and melody, or Voice), **Alarm tone** and **Volume**.

To stop an alarm:

When an alarm sounds:

- To stop the alarm, drag in any direction.
- To repeat the alarm after a specified length of time, drag in any direction.

To delete an alarm:

1. In Idle mode, select **Applications** → **Alarm & Clocks**.
2. Press [ ] → **Delete**.
3. Select the alarms that you want to delete.
4. Select **Delete**.

To create a world clock:

1. In Idle mode, select **Applications** → **Alarm & Clocks** → **World clock**.
2. Select **Add city** or press [ ] → **Add**.
3. Enter a city name or select one from the city list.

   To select a city in the world map view, select .
4. To add more world clocks, repeat steps 2 and 3.

To allow clock adjustment for daylight savings time, tap and hold the clock for the city and select **DST settings**. Touch a setting (Automatic, Off, 1 hour, 2 hours).

To use the stopwatch:

1. In Idle mode, select **Applications** → **Alarm & Clocks** → **Stopwatch**.
2. Select **Start** to begin the stopwatch.
3. Select **Lap** to record lap times.
4. When you are finished, select **Stop**.
5. Select **Reset** to clear the recorded times.

To use the count-down timer:

1. In Idle mode, select **Applications** → **Alarm & Clocks** → **Timer**.
2. Set the length of time to count down.
3. Select **Start** to begin the countdown.
   You can now use other functions with the timer counting down in the background. Press [⌂] or [↩] and access another application.
4. When the timer expires, drag ⊗ in any direction to stop the alert.

Calculator

You can perform mathematical operations directly on your phone, similar to using a hand-held or desktop calculator.

1. In Idle mode, select **Applications** → **Calculator**.
2. To use basic mathematical functions, hold the phone in portrait mode. To use a scientific calculator, rotate the phone sideways to landscape mode.
3. Perform the calculation.
4. Select ▼ to close the calculator keypad.
   The calculation history appears.
5. To clear the history, press [☰] → **Clear history**.

Mini Diary

You can keep a diary on your phone.

To create a Mini Diary:

1. In Idle mode, select **Applications** → **Mini Diary**.
2. Select **Create diary** to create a new entry.
3. Tap on the date to change the current date.
4. To change the weather icon, tap on the current icon and make a selection from teh drop-down list.

5. To add an existing image or use the camera to capture a photo, select **Tap to add photo** .
6. Select **Tap to create memo**, enter the text, and then select **Done**.
7. Select **Save** to save the diary file.

To view a Mini diary:

1. In Idle mode, select **Applications** → **Mini Diary**.
2. Select a diary.

To upload a mini diary to your community website, press [ ] → **Publish**.

Files

You can quickly and easily access all of your images, videos, music, sound clips, and other types of files stored in your phone and on a memory card.

1. In Idle mode, select **Applications** → **Files**.
2. Select a folder and then select a file.

In a folder, press [ ] to use the following options:

- **Share:** Share files with others via AllShare, Picasa, Bluetooth, Messaging, Email, Gmail, or YouTube.
- **Create folder:** Create a new folder.
- **Delete:** Delete files or folders.
- **View by:** Change the view mode.
- **List by:** Sort files or folders.
- **More:** Use additional features when using a file, such as **Move**, **Copy**, **Rename**, **Print via Bluetooth**, **Bluetooth visibility** and **Settings**.

ThinkFree Office

You can view and edit document files on a memory card in your phone. If you have an account with the ThinkFree and

Google Docs™ web services, you can manage documents online. This application supports the following file formats:.txt, .doc, .docx, .xls, .xlsx, .ppt, .pptx, and .pdf.

To create a new document:

1. In Idle mode, select **Applications** → **ThinkFree Office**.
2. If you are launching this application for the first time, select **Accept** to confirm activation. Select **Activate now** to activate the application on your phone.
3. Select **My Docs**.
4. Press [ ] → **New** and select a document type.
5. Enter a name for the document and select **OK**.
6. Enter contents in the document using the tools at the bottom of the screen.
7. When you have finished editing, select the Save icon on the toolbar or press [ ] → **File** → **Save**.

To view and edit a document on your phone:

1. In Idle mode, select **Applications** → **ThinkFree Office**.
2. Select **My Docs** and then select a document.
3. Select a text encoding type (if necessary).
4. View and edit the document.
   - To move between pages or pan through the document, scroll in the corresponding direction.
   - To open the toolbar to edit the document (word, text, or excel file), press [ ] → **Edit**.
5. When you have finished editing, save the document.

To manage documents online:

1. In Idle mode, select **Applications** → **ThinkFree Office**.
2. Select **Online**.
3. Enter your user name and password to access your account and then select **Sign in**.
4. View and manage your documents on the server.

Write and Go

You can enter text and send it as a message, upload it to a community website, or save it as a memo or calendar event.

1. In Idle mode, select **Applications** → **Write and go**.
2. Enter text using the text input panel.
3. When you are finished, select one of the options:
   - **Send:** Send a text message to a contact or email the text message.
   - **Update status:** Upload the text to a community website.
   - **Save:** Save the text as a memo or calendar event.
4. Follow the onscreen instructions to send a message, log into a community service to upload the text, or create a memo or event.

Voice Dialer

You can dial a number or open an application by voice.

- This feature might not be available in your region.
- Recognized languages might vary depending on your region.

To call a contact by voice dialing:

You can call numbers directly by saying the contact's name or number.

1. In Idle mode, select **Applications** → **Voice Dialer**.
2. Say "**Call**" or "**Dial**" and then say a name or a phone number. To redial the last dialed number, say "**Redial**".
3. Press **OK** to confirm the operation or select the correct operation from the confirmation list.The phone dials the selected number.

To open an application:

1. In Idle mode, select **Applications** → **Voice Dialer**.
2. Say "**Open**" and then say the name of an application.
3. Press **OK** to confirm the operation. The phone opens the corresponding application.

Navigation

Google Maps Navigation (Beta) is an internet-connected turn-by-turn, GPS navigation system with voice guidance.

1. In Idle mode, select **Applications** → **Navigation**.
2. Follow the onscreen instructions.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Voice Search

You can search for information on the web by voice.

1. In Idle mode, select **Applications** → **Voice Search**.
2. Say a keyword into the microphone.
   The device searches for information and web pages related to the keyword.

Samsung Apps

Samsung Apps allows you to easily download useful applications to your phone and to keep them updated. Featuring a wealth of games, news, reference, social networking, widgets, health related applications, and more, Samsung Apps gives you instant access to a huge selection of mobile experiences.

- To use Samsung Apps, your phone must be connected to the internet using a cellular connection or Wi-If.
- To open Samsung Apps, in Idle mode, select **Applications** → **Samsung Apps**.
- To launch widgets, tap and hold the empty area on the idle screen and select **Samsung Widgets** from the list.
- To launch downloaded applications, in Idle mode, select **Applications** and then select the required application.

All Samsung Apps applications are made available to you subject to the Samsung Apps Terms and Conditions (http://www.samsungapps.com/common/term.as). Please read through these and ensure you understand the basis on which these applications are provided to you. Samsung may collect personal information from you in order to deliver the applications to your device. This is done in accordance with the Samsung Apps privacy policy (http://www.samsungapps.com/common/privacy.as). In order to receive any of the applications, you must select the “Accept” button indicating that you agree to the terms and conditions and the use of your personal data in accordance with the privacy policy.

- You might incur additional charges when accessing the internet or downloading applications.
- Available applications, widgets, and updates might differ depending on your region.

Task Manager

The Task Manager application provides information about the processes and programs running on your tablet, as well as the memory status. It can also be used to terminate processes and applications.

- To open Task Manager, in Idle mode, select **Applications** → **Task Manager**.

The Task Manager options are located at the top of the screen. The following options are available:

- **Active applications**: displays all of the applications that are presently running on your phone. Tap **Exit** to end an application, or tap **Exit all** to end all running applications.
- **Downloaded** displays any installed packages or applications from Android Market that are taking up memory space. Tap **Uninstall** to remove them from your phone.
- **RAM**, displays the amount of RAM (Random Access Memory) currently being used and allow you to **Clear memory**.
- **Storage**: displays a summary of your device's storage (used and available).
- **Help**: displays information on how to extend battery life.

settings

Settings

To access the Settings menu:

1. In Idle mode, select **Applications** → **Settings**.
2. Select a setting category and then select an option.

Wireless and Network

Change the settings for wireless network connections.

Flight mode

Disable all wireless functions on your phone. You can only use non-network services.

Wi-Fi settings

- **Wi-Fi:** Turn the WLAN feature on or off. ► p. 78
- **Network notification:** Set the phone to notify you when an open network is available.

- **WPS button connection:** Connect to a WLAN using a Wi-Fi Protected Setup (WPS) button.
- **Add Wi-Fi network:** Add WLAN APs manually.

Bluetooth settings

- **Bluetooth:** Turn the Bluetooth wireless feature on or off. ► p. 76
- **Device name:** Set a Bluetooth name for your phone.
- **Visible:** Set your phone to be visible to other Bluetooth phones.
- **Visible time-out:** Set the time period your phone is visible to other Bluetooth phones.
- **Scan devices:** Search for available Bluetooth devices.

USB settings

Set the USB connection (Samsung Kies, Media player, Mass storage or Ask on connection). ► p. 84

Tethering and portable hotspot

Share your phone's mobile data connection via USB or as a portable Wi-Fi hotspot. ► p. 86 and ► p. 82

VPN settings

Set up and manage Virtual Private Networks (VPNs).

Mobile networks

- **Use packet data:** Set to allow packet switched data networks for network services.
- **Data roaming:** Set the phone to connect to another network when you are roaming or when your home network is not available.
- **Access Point Names:** Set access point names (APNs).
- **Network mode:** select the type of network the phone should operate on: **GSM/WCDMA (auto mode)**, **GSM only**, or **WCDMA only.**

- **Network operators:** Search for available networks and select a network for roaming.

Call Settings

Customize the settings for calling features.

All calls

- **Show my number:** Show your mobile phone number to recipients. (You must insert the SIM card to use this feature.)
- **Auto reject:** Enable or disable the auto reject feature and specify a list of callers to automatically reject.
- **Answering call:** Set how to answer calls by pressing any key or set the phone to answer automatically after a specified amount of time.
- **Prefix dialing:** Activate prefix dialling and set up prefix dialling numbers.
- **Reject call with message:** Select a message to be sent to a caller when you reject a call.
- **Call status tones:** Activate or deactivate the call connection tone, minute minder tone, or call end tone.
- **Outgoing call vibration:** Set the phone to vibrate the other party answers a call.
- **Alerts on call:** Activate or deactivate alerts during a call.

Voice call

- **Call forwarding:** Divert incoming calls to another number.
- **Call barring:** Block incoming or outgoing calls.
- **Call waiting:** Specify options for handling an incoming call when you are already on a call.
- **Auto redial:** Activate auto redial for automatically redialling a call that was not connected or was cut off during a call.

Voicemail

- **Voicemail service:** Lets you enable or disable voicemail service.
- **Voicemail:** Displays the number to access voicemail service and lets you enter or change the number. This number can be obtained from your service provider.

Sound

Change the settings for various sounds on your phone.

- **Silent mode:** Activate silent mode to mute all sounds, except for media sounds and alarm ringtones.
- **Vibrate:** Set the phone to vibrate to alert you to incoming calls. You can set the phone to vibrate Always, Never, Only in silent mode, or Only when not in silent mode.
- **Volume:** Set the default volume for Incoming call, Media, System and Notification.
- **Phone ringtone:** Select a ringtone to alert you to incoming voice calls.
- **Notification ringtone:** Select a ringtone to alert you to events, such as incoming messages, missed calls, and alarms.
- **Audible touch tones:** Set the phone to sound when you touch the keys on the dialing screen.
- **Audible selection:** Set the phone to sound when you select an application or option on the touch screen.
- **Screen lock sounds:** Set the phone to sound when you lock or unlock the touch screen.
- **Haptic feedback:** Set the phone to vibrate when you touch the keys.
- **Vibration intensity:** Adjust the vibration intensity of the haptic feedback.

Display

Change the settings for display on your phone.

- **Wallpapers:** Sets the home screen and lock screen wallpapers.
- **Font style:** Change the font type for the display text. You can download fonts from Android Market by selecting **Get fonts online**.
- **Brightness:** Set the brightness of the display.
- **Auto-rotate screen:** Set whether or not to rotate the content automatically when the phone is rotated.
- **Animation:** Set the phone to display animation when you switch between windows.
- **Screen timeout:** Set the length of time the phone waits before turning off the display's backlight when there is no screen activity.
- **Power saving mode:** Activate Power saving mode. In Power saving mode, the phone saves power by analyzing images and adjusting LCD brightness level.
- **TV out:** Select a video encoding system for your TV for proper TV connections. ► p. 83.

Location and Security

Change the settings for securing your phone, and the SIM card, and GPS functionality.

- **Use wireless networks:** Set the phone to use wireless networking for checking locations, if supported in an application.
- **Use GPS satellites:** Enable the GPS functionality for checking locations, if supported in an application. You can view locations at street level by using the GPS.
- **Use sensor aiding:** Set to use sensors to enhance pedestrian positioning when the GPS signal is

obstructed. There may be variations between the sensor estimates and your actual location.

- **Set screen lock:** Set an unlock security code to a security pattern, PIN, or password. When you have set your security code, this option changes to **Change screen lock**. Set it to None to disable the security code. ▶ p. 21
- **Set up SIM card lock:**
  - **Lock SIM card:** Lock your SIM card by activating the PIN requirement. You need to enter the PIN supplied with your SIM card.
  - **Change SIM PIN:** Change the PIN used to access your SIM card.
- **Visible passwords:** By default, the phone displays your password as ● for security. Set the phone to display your password as you enter.
- **Select device administrators:** View device administrators installed on your device. You can activate device administrators to apply new policies to your device.
- **Use secure credentials:** Use certificates and credentials to ensure secure use of various applications.
- **Install encrypted certificates:** Install encrypted certificates that are stored on a memory card.
- **Set password:** Create and confirm a password for accessing credentials.
- **Clear storage:** Erase the credential contents from the phone and reset the password.

Applications

Change the setting for managing installed applications.

- **Unknown sources:** Select to download applications from any source. If you do not select this option, you can only download applications from the Android Market.

- **Manage applications:** Access the list of the applications installed on the phone and check the application information. The applications are grouped in categories as Downloaded, All, On SD card and Running. In each category, you can further sort the applications by size or alphabetically. Press [☰] → **Sort by size** or **Sort**.
- **Running services:** View the services that you are using and access them to manage them.
- **Memory usage**: View application memory usage.
- **Battery use**: See the battery usage by various phone components.
- **Development:**
  - **USB debugging:** This feature is used for development purposes only. It turns on Debug mode when USB is connected.
  - **Allow mock locations:** This feature is used for development purposes only. It allows the entry of "mock" GPS coordinates in order to test GPS applications.
- **USB settings:** Activate various USB connection modes when you connect your phone to a PC. ► p. 84

Accounts and Sync

Change the settings for the auto sync feature or manage accounts for synchronization.

- **Background data:** Allows applications to sync, send, and receive data at any time (required in order to use the auto sync feature).
- **Auto-sync:** Set the phone to automatically synchronize contact, calendar, and email data.

Privacy

Change the settings for managing your settings and data.

- **Back up my data:** Back up your phone's current settings to the Google server.
- **Automatic restore:** When reinstalling an application, backed up settings and data will be restored.
- **Factory data reset:** Reset your settings to the factory default values. .

- Performing a Factory data reset erases all data from your phone, including your Google account, system and application data and settings, and downloaded applications. It will not erase current system software, bundled applications, and files stored on an inserted SD card.
- To also erase files stored on an inserted SD card, select the **Format USB storage** checkbox.

SD Card and Phone Storage

Check used and available storage space for an External SD card and internal phone storage.

SD card

- **Total space:** View the total amount of storage space.
- **Available space:** View the amount of available storage space.
- **Unmount/Mount SD card:** Unmount the SD card for safe removal or before formatting, mount to allow use.
- **Format SD card:** Format (erase) the SD card.

System storage

- **Available space:** View the amount of available application storage space.

Locale and Text

Change the settings for text input.

Select locale

Select a display language for all menus and applications, and a writing language for all text editors.

Select input method

Select your preferred method of inputting text using **Swype** or the **Samsung keypad**.

Swype

Tap one of the following Swype settings to activate the setting:

- **Select Input Method**: allows you to switch between Samsung keypad and Swype.

- **How to Swype**: provides tips on how to learn to use Swype.
- **Personal dictionary**: Allows you to setup and manage your own dictionary.
- **Preferences**: Allows you to view and modify the following Swype options:
  - **Audio feedback**: When enabled, plays sounds as you enter text.
  - **Vibrate on keypress**: check this field to have the phone vibrate each time you touch a key on the keyboard.
  - **Show tips**: When enabled, the device displays helpful tips.
  - **Auto-spacing**: When enabled, inserts spaces automatically when you pause entering text.
  - **Auto-capitalization**: When enabled, automatically capitalizes the first letter of the first word in a sentence.
  - **Show complete trace**: When enabled, briefly display the Swype trace.
  - **Word suggestion**: When enabled, suggests possible matching words as you enter text.
  - **Speed vs. accuracy**: Send the sensitivity of Swype text recognition.
  - **Reset Swype's dictionary**: Deletes all of the words you have added and loads the default dictionary.
  - **Version**: View the current Swype software version.
- **Language Options**: Allows you to set the languages that you will be using.

Samsung keypad

- **Portrait keypad types:** Select the default input method: QWERTY Keypad or 3x4 Keypad.

- **Input languages:** Select a language for text input.

You cannot enter text in some languages. To enter text, you should change the writing language to one of the supported languages.

- **XT9:** Activate XT9 mode to enter text using Predictive input mode.
- **XT9 advanced settings:** Activate the advanced features of XT9 mode and set up your own word list.
- **Keypad sweeping:** Enable the sweeping feature for the keypad input method. You can enter text by sweeping keys instead of tapping.
- **Auto-capitalization:** Set the phone to automatically capitalize the first letter after a final punctuation mark, such as a period, question mark, or an exclamation mark.
- **Voice input**: Allow voice input from the keypad.
- **Auto-full stop:** Allows completing a sentence and starting a new sentence by typing two spaces (converts the spaces to a period and a space, and automatically capitalizes the first letter of the next word).
- **Tutorial:** Learn how to enter text with the Samsung keypad.

Voice input and output

Change the settings for the voice recognition and text-to-speech features.

Voice recognition settings

- **Language:** Select a language for the Google voice recognition.
- **SafeSearch:** Set the device to filter explicit text and/or images from voice search results.
- **Block offensive words:** Hide offensive words your device recognised from voice search results.

Text-to-speech settings

- **Listen to an example:** Listen to the spoken text for an example. Install voice data for using text-to-speech.
- **Driving mode:** Activate Driving mode to set the phone to read verbal notifications for incoming calls, messages, or event details.
- **Always use my settings:** Set the phone to use the settings that you specify in applications rather than the default settings.
- **Default engine:** Set the speech synthesis engine to be used for spoken text.
- **Install voice data:** Download and install voice data for the text-to-speech feature.
- **Speech rate:** Select a speed for the text-to-speech feature.
- **Language:** Select a language for the text-to-speech feature.
- **Engines:** View the text-to-speech engines supplied with the phone and downloaded from Android market.
  - **Pico TTS**: settings for the Pico TTS engine supplied with the phone.

Accessibility

Lets you enable and disable downloaded accessibility applications.

Requires downloading an accessibility application before this menu option is available.

- **The power key ends calls:** Press the power key to end calls (will not turn off the screen).

Date and time

Access and alter the following settings to control how time and date are displayed on your phone:

- **Automatic:** Automatically update the time when you move across time zones.
- **Set date:** Set the current date manually.
- **Select time zone:** Set your home time zone.
- **Set time:** Set the current time manually.
- **Use 24-hour format:** Set to the time to be displayed in 24-hour format.
- **Select date format:** Select a date format.

About phone

Access information about your phone, check the phone's status, and learn how to use your phone.

troubleshooting

If you are having trouble with your mobile phone, try these troubleshooting procedures before contacting a service professional.

When you turn on your phone or while you are using the phone, it prompts you to enter one of the following codes:

Code	Try this to solve the problem:
Password	When the phone's lock feature is enabled, you must enter the password that you set for the phone.
PIN	When using the phone for the first time or when the P N requirement is enabled, you must enter the PIN supplied with the SIM card. You can disable this feature using the **Lock SIM card** menu.
PUK	Your SIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
P N2	When you access a menu requiring the PIN2, you must enter the P N2 supplied with the S M card. For details, contact your service provider.

Your phone displays “Service unavailable” or “Network error”

- When you are in areas with weak signals or poor reception, you might lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

The touch screen responds slowly or improperly

If the touch screen is not responding properly, try the following:

- Remove any protective covers from the touch screen. Protective covers might prevent the phone from recognising your inputs and are not recommended for touch screen phones.
- Ensure that your hands are clean and dry when tapping the touch screen.
- Restart your phone to clear any temporary software bugs.
- Ensure that your phone’s software is upgraded to the latest version.
- If the touch screen is scratched or damaged, take it to your local Samsung Service Centre.

Your phone freezes or has fatal errors

If your phone freezes or hangs, you might need to close programs or reset the phone to regain functionality. If your phone is frozen and unresponsive, press and hold [⏻] for 8-10 seconds. The phone will reboot automatically.

If this does not solve the problem, perform a factory data reset. In Idle mode, select **Applications → Settings → Privacy → Factory data reset → Reset phone → Erase everything**.

Calls are being dropped

When you are in areas with weak signals or poor reception, you might lose your connection to the network. Move to another area and try again.

Outgoing calls are not connected

- Ensure that you have pressed the Call key.
- Ensure that you have accessed the correct cellular network.
- Ensure that you have not set call barring for the phone number you are dialing.

Incoming calls are not connected

- Ensure that your phone is turned on.
- Ensure that you have accessed the correct cellular network.
- Ensure that you have not set call barring for the incoming phone number.

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Audio quality is poor

- Ensure that you are not blocking the phone's internal antenna.
- When you are in areas with weak signals or poor reception, you might lose reception. Move to another area and try again.

When dialing from contacts, the call is not connected

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.
- Ensure that you have not set call barring for the contact's phone number.

The phone beeps and the battery icon flashes

- Your battery is low. Recharge or replace the battery to continue using the phone.

The battery does not charge properly or the phone turns off

- The battery terminals might be dirty. Wipe both gold-coloured contacts with a clean, soft cloth and try charging the battery again.
- If the battery will no longer charge completely, dispose of the old battery properly and replace it with a new battery (refer to your local bylaws for proper disposal instructions).

Your phone is hot to the touch

When you use applications that require more power or use applications on your phone for an extended period of time, your phone may feel hot to the touch. This is normal and should not affect your phone's lifespan or performance.

Error messages appear when launching the camera

Your Samsung phone must have sufficient available memory and battery power to operate the camera application. If you receive error messages when launching the camera, try the following:

- Charge the battery or replace it with a battery that is fully charged.
- Free some memory by transferring files to a PC or deleting files from your phone.
- Restart the phone. If you are still having trouble with the camera application after trying these tips, contact a Samsung Service Centre.

Error messages appear when opening music files

Some music files might not play on your Samsung phone for a variety of reasons. If you receive error messages when opening music files on your phone, try the following:

- Free some memory by transferring files to a PC or deleting files from your phone.
- Ensure that the music file is not Digital Rights Management (DRM)-protected. If the file is DRM protected, ensure that you have the appropriate license or key to play the file.
- Ensure that your phone supports the file type.

Another Bluetooth device is not located

- Ensure that the Bluetooth wireless feature is activated on your phone.
- Ensure that the Bluetooth wireless feature is activated on the device that you wish to connect to, if necessary.
- Ensure that your phone and the other Bluetooth device are within the maximum Bluetooth range (10 metres).
- If the tips above do not solve the problem, contact a Samsung Service Centre.

A connection is not established when you connect the phone to a PC

- Ensure that the PC data cable you are using is compatible with your phone.
- Ensure that you have the proper drivers installed and updated on your PC.

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